

ABSTRACT

A vibration isolation support for mounting an engine in a vehicle frame, the engine having a theoretical roll axis, the vibration isolation support including an engine bracket fixed to the engine; a frame bracket fixed to the vehicle frame; and an isolator
5 connected between the engine bracket and the frame bracket, where the isolator is radially symmetrical about a longitudinal axis, and the engine bracket is fixed to the engine and the frame bracket is fixed to the frame such that a vertical plane drawn through the isolator's longitudinal axis is perpendicular to a horizontal plane drawn through the theoretical roll axis, and the isolator's longitudinal axis intersects the
10 horizontal plane through the theoretical roll axis at an acute angle that is less than or equal to 45° .